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DESCRIPTORS: Construction, *Hydraulic systems,
Hydrodynamics.

(Mechanics--Hydraulics, TT, v. 11, no. 6)

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III. Centre National de la Recherche
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Their Properties, by Hirotsugu Iida,
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SA Code-037

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Protons, by E. S. Solov'ev, R. N. Il'in, 6 pp.**

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N. T. Terkhaynik, pp. 167-177.

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Field 8K

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Jan 65, Ep. 3 refs. IC-1250.
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1. Department of Scientific and
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(Gt. Britain)

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ING CATALYST. [1962] 14p.
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ATS-87P65J

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p. 243-248.

DESCRIPTORS: Hydrocarbons, Chemical reactions,
Decomposition, *Cyclopentanes, *Benzenes, *Catalysts.

(Chemistry--Organic, TT, v. 9, no. 7)

63-12631

I. Title: Reforming
process (Chemistry)

I. Iijima, K.

II. Izume, Y.

III. Title: Hydrodecycl-
ization . . .

IV. ATS-87P65J

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Services, Inc., East
Orange, N. J.

Office of Technical Services

Studies on Photoelectric Colorimetry. Report No 3.
New Color Reaction of Zinc With p-aminophenol and
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Foreword, by Yohbichige Abe; Foreword, by Teutoma Hijima,
7 pp.

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Soc - Educational exchange

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HB 5805

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Jan 63

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ON THE MIXING OF CIS- AND TRANS-1,4-POLY-
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SA Code-R-O

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no. 6, p. 404-413.

DESCRIPTORS: *Synthetic rubber, *Butadienes, Molec-
ular isomerism, Mixtures, Viscosity, Phase transitions,
Mechanical properties, Infrared spectroscopy, Elec-
tron microscopy, X-ray diffraction analysis,
Vulcanization.

(Materials--Elastomers, TT, v. 9, no. 3)

63-12366

- I. Ino, H.
- II. Tsukasa, M.
- III. Title: Studies ...
- IV. SA Code-R-O
- V. Seizaburo Aoki (Japan)

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Sept 67

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Effect of Vacuum Melting on Mechanical Properties
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Sci. - Engr

Feb 60

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High Stability, by Hajime IIZUKA, Mas-ichi
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Jul 67

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TITRAGE COULOMBIETRIQUE (Determination of a
Small Amount of Boron by the Coulometric Titration)
14p. (Foreign text included) 4 refs. CNRS-VIII bis 503.
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DESCRIPTORS: *Boric acids, Mannitols, Titration,
*Electrolytic titration.

(Chemistry--Analytical, TT, v. 11, no. 6)

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- I. Iinuma, H.
- II. Yoshimori, T.
- III. Takeuchi, H.
- IV. CNRS-VIII bis 503
- V. Centre National de la Recherche Scientifique, Paris

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NCH-200 365

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I. Seizaburo Aoki,
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G. N. Ilachev

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Sci - Chem
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and Alumina-Boria Catalysts, by K.
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of Japan, Vol XXXVII, No 375, 1958,
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Research Vessel, Kiyo Maru, in the Timor, Arafura,
and Banda Seas, by Kenzo Ikobe, 14 pp.

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S.I.A.

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Jul 1955

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S.L.A.

Scientific - Biology

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S.L.A.

Scientific - Biology

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Syntheses of Pyrimidine Derivatives. IX. Studies
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SLA 60-10978

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Acetamidomethylpyrimidine, by Akira Takamizawa,
Kenji Ikawa, Kazuo Tori, 7 pp.

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SLA 60-10979

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SLA 60-10969

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No 6, 1958, pp 632-637.

SLA 60-10980

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OTS, Vol III, No 6

Sep 60

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Synthesis of Maleic Anhydride by the
Catalytic Oxidation of C_4 Hydrocarbons With
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No 5, 1960, pp 734-737.

ATG-69M43

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No 5, 1960, pp 734-737.

ATS-69445

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Set - Chem
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On One Method of on the Spot Estimation of the
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Scientific -- Biological

Jul 55

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Full translation.

JAPANESE, per, Nanyo Suisan Joho, Vol V, No 1, 1943:
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Scientific - Biology

D.L.A.

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On the Age of Yellowfin Tuna from Palau waters, by
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Full translation.

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Scientific - Biological

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Contribution to the Study of Tuna Spawning Grounds,
Kenno Ikebe, 5 pp.

All translation.

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p 1941, pp 9-12.

S.L.A.

Scientific - Biological

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Naichi Nagata, 27 pp.

Desp No TCUSFO U-145
JAPANESE, Taipei, 3 Dec 1953.

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FI - Taiwan
Economic - Coal
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METHOD OF CONTINUOUSLY MAKING ALUMINUM.
July 63, 9p. 4 refs.
Order from SA \$16.00 SA Code-P-178

Trans. of published Japanese patent 3353/1962,
cl. 10-D-121 (16-B-121) (14-C-1) appl. no. 43160/1960
filed 10 Oct 60, pub. 2 June 62, by Sumitomo Chemical
Industry Co., Ltd.

DESCRIPTORS: *Aluminum, Production, *Metal-
organic compounds, Aluminum compounds, Alkyl
radicals, Butyl radicals, Hydrides, Pyrolysis.

(Metallurgy--Light Metals, ET, v. 10, no. 9)

63-22280

I. Ikeda, H.
II. Yurimoto, J.
III. Ryu, Y.
IV. Patent (Japan) pub.
37-3353
V. SA Code-P-178
VI. Seizaburo Aoki (Japan)

Office of Technical Services

(10-8911)

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1960-20.

JPRS 12540

185, 000

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Circulation in the Rabbit, by Ichiro
Ikeda, 24 pp.

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Vol XIII, No 3, 1957, pp 340-347.

RII 6-25

Sci. Med.

Jun 59

90, 307

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A METHOD OF REMOVAL OF SULFUR COM-
POUNDS FROM BENZENE. [1961] 4p. ATS-32N55J
Order from ATS \$7.50

Trans. of [published] Japanese patent 13674, appl.
filed 3 Oct 57, pub. 19 Sep 60.

DESCRIPTORS: *Benzenes, *Sulfur compounds, Sepa-
ration, Purification.

(Chemistry--Analytical, TT, v. 7, no. 2)

61-25636

- I. Ikeda, K.
- II. Yasui, E.
- III. Takenoue, A.
- IV. Patent (Japan) pub.
35-13674
- V. ATS-32N55J
- VI. Associated Technical
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East Orange, N. J.

Office of Technical Services

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Reaction of Active Nitrogen with
Ethylene, by M. Ikeda, S. Shinozaki,
et al.
JAPANESE, rpt, Tokyo Metropolitan
Institute Research Centre, Vol III,
p. 57-64, 1964
*AIR.

M. I. Keda

Sci-Pubs
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Reaction of Active Nitrogen with Ethylene,
by M. Ikeda, et al.
JAPANESE, Rpt, Annual Rept, Vol 3, 1964,
pp 57-64.
RLI REF: 5828.40 1966 (11618)

M. Ikeda

Sci+Tech
Aug 66

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New Method of Colorimetric Determination of the
Phosphate Ion With Sodium Thiosulphate, by
M. Ikeda

JAPANESE, per, J Chem Soc, Vol LXXII, 1951,
pp 23-25.

TTA3/TID T 4067

Scientific - Chemistry
CPS/DM

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Ikeda, T., Noguchi, K., and Miura, K.
**HALFTONE IMAGES MADE WITH A CONTACT
SCREEN. Pt. 3 of Tone Reproduction [by]
Electrophotography. [1963] 13p.
Order from ATS \$12.50 ATS-91Q69]**

Trans. of Denchi Shashin (Japan) 1962, v. 4, no. 2,
p. 5-12.

**DESCRIPTORS: *Electrophotography, *Photographic:
Images, Optical images, Printing, Reproduction,
Viewing screens, Display systems.**

(Materials--Photographic, TT, v. 10, no. 7)

63-17770

I. Ikeda, T.
II. Noguchi, K.
III. Miura, K.
IV. ATS-91Q69]
V. Associated Technical
Services, Inc.,
East Orange, N. J.

1247243

Office of Technical Services

Ikeda, T., and Negishi, K.
SUPERSONISCHE RADIATIE DOOR KERAMISCH
 BaTiO_3 (Supersonic Radiation by Barium Titanate
Ceramics) 10p, 5 refs, MTWL: 871, (text in Dutch).
Order from OTS or ETC \$1.55 61-17635

DESCRIPTORS: *Titanates, Barium compounds,
Ceramic materials, *Supersonics, *Heat production.

61-17635

- I. Ikeda, T.
- II. Negishi, K.
- III. MTWL-871
- IV. Stichting Moeilijk
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pelijke Literatuur

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Layout and Operation of the Second
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SAITOH, Tor, Ietsu to Nippon, Vol 48,
No 11, 1962, pp 1353-1354.
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REDUCTION AND REMOVAL OF FOG WITH A
CARRIER BLISH. Pt. 2 of Tone Reproduction by Elec-
trophotography. [1962] 6p.
Order from ATS \$10.75

ATS-52P62]

Trans. of Denshi Shashin (Japan) 1961, v. 3, no. 3,
p. 55-58.

DESCRIPTORS: *Electrophotography, Printing, Fog,
Reduction, Brushes.

(Materials-Photographic, TT, v. 9, no. 2)

62-34161

- I. Ikeda, T.
- II. Murakami, T.
- III. Title: Tone
- IV. ATS-52P62]
- V. Associated Technical
Services, Inc., East
Orange, N. J.

62-34161

Office of Technical Services

62-34267

Ikeda, T., Murakami, T. and others.
FORMATION OF HALFTONE IMAGES BY CONTACT
PRINTING OF HALFTONE POSITIVES. Pt. 1 of Tone:
Reproduction by Electrophotography. [1962] 10p.
Order from ATS \$13.50 ATS-51P62]

Trans. of Denzhi Shashin (Japan) 1961. v. 3, no. 3,
p. 49-54.

DESCRIPTORS: *Electrophotography. *Printing.
Optical images.

- I. Ikeda, T.
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- III. Title: Tone...
- IV. ATS-51P62]
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Services, Inc., East
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Study of Lycoris Alkaloids, Report No 19¹
Structure of Taxettine, Part II, by Heisaburo Kondo,
Takato Ikeda, and Horiyuki Okada, 19 pp.

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pp 21-25.

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Scientific - Chemistry

June 54 CTS

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AF 646860

Scientific - Aeronautics

April 55 CTS

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Improvement in the Adhesion of Synthetic
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JAPANESE, Patent Publication SHO 43-27 154 .
NTC-69-10997-11E

Sci-Materials
Feb 70

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tion of the Residual Toxic Effects of Lindane
Emulsions by the Addition of Synthetic Resins, by
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10 Jan 1958.

Dept of Int
US Fish and Wildlife Serv
Pacific Oceanic Fishery
Investigations, Hawaii.

May 59

87, 690

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From the descriptions of the outburst and the measurements carried out it is concluded that the outburst occurred in a coronal condensation above the sunspot group 14¹¹ 76° with an area of 1790 millionths of the solar hemisphere. The outburst maximum was within 10¹⁰Wm-10¹⁰Wm, which coincides with the period for the maximum of the chromospheric flare. The angular dimension of the radiating region can be taken equal to 2.5 in the E-W direction. The aerial temperature in the first eastern diffraction lobe was 30,000°K. Hence, at 10¹⁰Wm the aerial temperature of the outburst was about 3x10⁶°K, and the brightness (Astronomy--Astrophysics, TT, v. 5, no. 5) (over)

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